

Date: 10/11/2023

To: **Alfredo Villalobos**
Davidson Homes
1903 N. Harrison Avenue
Cary, NC 27513
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919-841-2146

Re: **Damaged Roof Truss**
Location: Lot 57 Prince Place (20 Noble Heart (Fuquay-Varina, NC))
JDS Project No.: RDU2309602
Date of Inspection: 10/11/23

A representative of JDS Consulting arrived on site to observe the issues reported to us by the client, which are presented, along with our recommendations, in this report.

Observations

The client has requested evaluation of the following items:

1. The 9th roof truss from the right (A2) has damage to the bottom of the rear most vertical member. The damage spans ~19" up the 2x6 member.
2. The 2nd roof truss from the right (M1) has a replaced top ~6" of the front most vertical member.

Recommendations

Based on our onsite observation and review the contractor shall do the following:

1. Install (1) 3' 2x6 scab on each side of the damaged member starting at the bottom of the vertical member and attached with (2) rows of 10d nails in the damaged area and (3) rows of 10d nails into the non-damaged section of the member both to be performed 6" O.C.
2. On both sides of the replaced section install (1) 2' tall 7/16" OSB scab spanning from the front face of the 2x6 member to the rear face of the 2x4 member flush with the bottom of the walls top plate. Attach with construction adhesive and (2) rows of 10d nails 6" O.C. into all covered members.

If you have any questions or if I can be of further assistance to you on this project, please contact me at 980-240-5681.

Respectfully Submitted,
Zachary Lower



Reviewing Engineer: Uchenna Onwuemene, PE